

WHAT IS CLAIMED IS:

- 1                   1.       A method for detecting a model vehicle, comprising:  
2                   providing a plurality of position detection elements arranged in an area where  
3                   said model vehicle will pass;  
4                   providing a position detection element ID for each of said position detection  
5                   elements;  
6                   providing a vehicle ID for said model vehicle;  
7                   transmitting between said model vehicle and said position detection element  
8                   one of said IDs; and  
9                   transmitting said vehicle ID and said position detection element ID to a  
10                  vehicle controller.
- 1                   2.       The method of claim 1 wherein said position detection elements are  
2                   sensors which receive a vehicle ID transmitted by said model vehicle.
- 1                   3.       The method of claim 1 wherein said model vehicle detects a position  
2                   element ID and transmits the position detection element ID along with the vehicle ID to said  
3                   vehicle controller.
- 1                   4.       A receiver for detecting a proximate model vehicle, comprising:  
2                   at least two detectors;  
3                   a memory for storing an ID of said receiver;  
4                   a transmitter for transmitting said ID of said receiver and data received from a  
5                   passing model vehicle to a remote controller;  
6                   a substrate for holding said detectors, memory and transmitter, said substrate  
7                   allowing said receiver to be placed anywhere on a race surface, without the need to connect  
8                   to any track or roadway.
- 1                   5.       The receiver of claim 4 where said detectors are infrared detectors.
- 1                   6.       The receiver of claim 4 wherein said transmitter is a wireless  
2                   transmitter.